

Transistorized Frequency Dividers, by M. L.
Tseytlin, 21 pp.

RUSSIAN, per, Elektrosvyaz, Vol XI, No 9,
1957, pp 33-41.

SLA 59-10871

Sci - Chem
Sept 59
Vol 2, No 2

97,586

(NY-5230)

Method of Measuring Dielectric Constant of Lun
Lunar Rock, by V. S. Troitskiy, N. M. Tseytlin,
5 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Ser
Radiofiz, Vol III, No 6, 1960.

JPRS 7372

Sci
Jun 61

155, 9/2

Tseytin, N. M.

ON THE QUESTION OF THE INTRINSIC NOISE
AND EFFICIENCY OF ANTENNAS. [1960] 16p.
10 refs.

Order from MDP \$8.50

MDP T-152

Trans. of Izvechiya V[yschikh] U[chebnikh]
Z[avedeniya]. Radiofizika (USSR) 1960, v. 3, no. 2,
p. 257-268.

(Engineering--Electronic, TT, v. 5, no. 7)

61-12555

1. Dipole antennas--Theory
 2. Noise (Radio)--Theory
 3. Thermal radiation--Theory
- I. Tseytin, N. M.
- II. MDP T-152
- III. Friedman, Morris D.,
Inc., West Newton, Mass.

Office of Technical Services

Rock Radioactivity Study in the Northern Caucasus and
Its Importance for Certain Petrologic Problems
(Preliminary Conclusions), by G. D. Afanas'yev, S. G.
Tseytlin, 14 pp

MUSSINA, per, Iz Ak Nauk SSSR, Ser Geolog, No 3, 1958.

Amer Geolog Inst

123,463

Sci - Geophysics

The Eopleistocene Basin of the Nizhnyaya
Tunguska, by S. M. Tseytlin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIII, No 5,
1960, pp 1183-1186.

AGI

Sci

Aug 61

163,860

Structural State and Heat Resistance of
Alloys, by I. L. Mirkin, V. Z. Tseytlin,
16 pp.

RUSSIAN, per, Metal i Term Obra Met, No 2,
1961, pp 2-11. 9668360

FTD-TT-62-1756

Sci-M/N
apr 63

229,439

Effect of Heating Time on the Structure and Properties
of Cr-Mn-Ni Steels, by V. N. Gulyayev, V. Z. Tseytin,
et al, 6 pp.

RUSSIAN, par, Teploenergetika, No 8, 1964, pp 54-57. 27
JPRS 27820

Sci - M/M
Jan 65

270,954

Criterion of the Relaxation of Steel and Its Application, by I. A. Odintsov, V. Z. Tseytin,
7 pp.

RUSSIAN, ver, Dok Ak Nauk SSSR, Vol XXXI, No 5,
1950, pp 833-866.

CIA/PLD/X-1153

Scientific - Minerals/Metals
CIA/DEX

7078

The Synthesis of Optimal Filters With Finite
Memory and Sliding Memory, by DPP Yu. N.
Kostylev, 12 pp.

MOSCOW, Sov., Iz Akad Nauk SSSR, Odzor Tekhn Nauk,
1964, Kibernetika, No 1, 1964.

JPDS 39097

2357003

Salmonellosis and the Salmonella Carrier
States, by S. P. Tseyukov, 6 pp.

RUSSIA, per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXXI, No 12, 1960, pp 112-116.

PP

Sci

May 62

195,166

23

Method of Synthesis of Urea-Formaldehyde Fertilizers,
by A. B. Tsfasman, B. S. Gol'denstejn.
RUSSIAN, Patent No 160 189, 16 January, 1962.
EJC 69-11098-T2A

A. B. Tsfasman

Sci/Agr
July 69

386,549

DC-3440

Determination of the Function of the Thyroid
Gland by Excretion of I^{131} With the Urine, by
A. Z. Tsfazman, 5 pp.

RUSSIAN, per, Prob Endokrinol i Gormonoterap,
Vol III, No 5, Moscow, 1957, pp 110-113,

US JFRS/DC-L-997

USSR
Sci

77,241

Nov 58

Determination of Indium on an AC Polarograph, by
R. G. Pats, S. B. Tsaaman, 5 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 3, 1961,
pp 266 - 271.

ISA

196, 655

Sci
Mar 62

An Automatic Polarographic Concentration Meter,
by S. D. Tofusman, I. E. Bryksin, B. S. Krusk,
4 pp.

RUSSIAN, per Zavod Lab, Vol XXIV, No 11, 1958
pp 1409-1413.

Instru Soc of Amer

Sci

Apr 60

113, 455

The Determination of Cu, Pb, Cd, and Zn in Nonferrous Metallurgy Products With an Alternating Current Polarograph, by R. G. Pats, S. B. Tafazman, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XXIX, No 4, 1963,
pp 395-400.

ISA

243, 124

Sci -
Nov 63

(FDD 24556)

The Simplest Organization of Virgin and Fallow Land Territories, by Ya. M. Tsfasman, G. V. Cheshikhin.

RUSSIAN, bk, V Pomoshch' Spetsialistam Sel'skogo Khozyaystva Po Osvoyeniyu Tselinnykh i Zalezhnykh -- Sbornik Materialov i Statey, Vol I, Moscow, 1954,
pp 111-128.

CIA/FDD Tr 431

USSR
Econ - Agriculture

A-13579

(DC-4576)

Ten Years of Scientific and Technological
Development of Railroads in the Chinese Peoples
Republic, by Mao I-shen, Tshai Mo, 12 pp.

GERMAN, per, Z der Organisation fuer die
Zusammenarbeit der Eisenbahnen, Vol III, No 2,
1960, pp 3-8.

JPRS 6608

EEar - Sino-Soviet Bloc
Econ
Jan 61

137,979

Pathology of the Metabolism in the Presence of
Lead Poisoning of the Organism. II. Alkali
Reserves of the Blood in Chronic Saturnism,
by A. M. Tscherny, 5 pp.
GERMANY, per, Arch fur Gewerbeopath und Gewer-
behygiene, 1931, v 2 pp 42-46.
SLA TR 64-16239

A. M. Tscherny

Jul 66

305,425

Tafasman, A. Z.
RADIOACTIVE CHROMIUM IN QUANTITATIVE DETERMINATION OF GASTROINTESTINAL HEMORRHAGES. [1963] [16p] 7refs FASEB manuscript no. S 298-2
Order from OTS, S.A., or ETC \$1.60 TT-64-13527

Trans. of Terapevticheskii Arkhiv (USSR) 1962, v. 54, no. 8, p. 17-22.

DESCRIPTORS: Radioactive isotopes, *Chromium, *Hemorrhage, *Gastrointestinal system, Tracer studies

(Biological Sciences--Radiobiology, TT, v. 11, no. 8)

TT-64-13527

- I. Tafasman, A. Z.
- II. FASEB-S-298-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

...6621

Office of Technical Services

The Pathology of the Metabolism in the Presence
of Lead Poisoning of the Organism. IV. The
Influence of Hydrochloric Acid upon the
Alteration of the Phosphorous and Calcium
Metabolism in Experimental Lead Poisoning, by
A. M. Ischary, E. Karailweitsch, 17 pp.

GERMAN, per, Arch fur Gewerbeopath und
Gewerbehygiene, 1931, v 2, pp 56-70.
SLA TT 64-16241

A. M. Ischary

Jul 66

305,426

Pathology of the Metabolism in the Presence
of Lead Poisoning of the Organism. I. Nitrogen
Metabolism of Carnivores in Chronic Lead
Poisoning, by A. M. Ischaryny, 9 pp.
GERMAN, par, Archiv fur Gewerbeopathologie und
Gewerbehygiene, 1931, vol 2, pp 11-41.
SLA TT 64-16240

Jul 66

A. M. Ischaryny
305,424

Model of Current Optimization of Foreign Trade
and Its Application, by V. Tshchetsyakovskiy,
25 pp.

RUSSIAN, per, Vnesh Torg, No 6, Jun 64,
pp 20-28.

JPRS 27201

USSR
Econ
Jan 65

271,252

A Quantitative Analysis of Lanthanum by Band-Spectra
of Lanthanum Oxide, by R. Tahida, 8 pp.

JAPANESE, per, J. Chem. Soc. Japan, Pure Chem. Sect.,
Vol LXXVI, 1955, pp 60-63.

S.L.A. Tr 57-742
AEC Tr 2819

44, 098

Sci - Chemistry

Tahiguro, T., Kitamura, E., Matsumura, M., and
Ogawa, H.

SYNTHESIS OF PIPERAZINES. PT. 6. CATALYTIC
VAPOR-PHASE SYNTHESIS OF 1,4-DIAZABYCYCLO
[2,2,2] OCTANE. [1963] 5p

Order from ATS \$9.25

ATS-64Q72]

Trans. of Yakugaku Zasshi (Japan) 1955, v. 75, no. 11,
p. 1370-1373.

DESCRIPTORS: *Pyrazines, Synthesis (Chemistry),
Catalysis, *Cyclooctane derivatives,

(See also 61-12084)

TT-64-12072

- I. Title: 1,4-Diazabycyclo
[2,2,2] octane
- II. Tahiguro, T.
- III. Kitamura, E.
- IV. Matsumura, M.
- V. Ogawa, H.
- VI. Title: Catalytic ...
- VII. Associated Technical
Services, Inc.,
East Orange, N. J.

80817

Office of Technical Services

Emission radio-luminescente des substances
organiques, by Z. A. Tashikova.
RUSSIAN to FRENCH, rpt, 1959.

Reverse Translation
CEA-M R-1743

Sci
Jul 64

A New Branch of Science-Magnetohydrodynamics, by
Tsho Fu-Tsin, 7 pp.

CHINESE, per, K'o Hseuh Ta Chung, No 1, 1962,
pp 8, 9. 9684913

FTD-TT-63-207

Sci-Phys
Aug 63

238, 038

The Effect of Prandtl Number on the Natural Convection
Heat of Small Particles, by T. Tsubouchi, S. Sato,
et al.

RUSSIAN, rpt, RPT of the Institute of High Speed Mech.,
Vol XV, 1963, 1964, pp 179-191.
*FTD-MT-65-85

Sci - Phys
Apr 65

(DC-3901)

The Category of Voice in an Intermediary Language, by G. S. Tscytin, 3 pp.

RUSSIAN, monograph, Doklady na Konferentsii po Obrabotke ~~zemel'nykh~~ Informatsii, Mezhdunarodnogo Perevoda i Avtomaticheskому Chteniyu Teksta, No 3, 1961, pp 1-3.

JPRS 10808

Sci - Misc
Machine Translation
Nov 61

174,345

NOV '01

(DC-3901)

Identification of Configurations in the
Russian Sentence, by G. S. Tseytin, L. N.
Zasorina, 12 pp.

RUSSIAN, monograph, Doklady na Konferentsii po
Obrabotke Informatsii, Mashinom Perewodu i
Avtomaticheskому Chteniyu Teksta, No 2,
1961, pp 1-12.

JPRS 10⁵/76

174, 82-2

Sci - Misc

10 962

US-4
US-5

TSVETKOV Yu. D., LEBEDEV Ya. S., VOEVODSKII V. V.

Studies of free radical reactions in irradiated polytetrafluoroethylene. I. Application of the electron paramagnetic resonance method for investigating the conversion of radicals and determining the coefficient of diffusion of oxygen in polytetrafluoroethylene

Vysokomolekulyarnye Soedineniya, 1, No. 10, 1519-1525
(1959)

\$ 1.80 (ph), \$ 1.80 (mf), 60-16511 - English

E u r a t o m

The Effect of Ionizing Radiation of the Content
and Metabolism of Nucleotides in Rabbit Lymphoid
Tissue, by I. A. Tseveleva, 10 pp.

RUSSIAN, per, Radiobiol, Vol III, No 3, 1963,
pp 393-399.

AEC-Tr-5436

Sci

Mar 64

253,844

Epicutaneous Skin Test With Tularin From
Vaccine Strain to Determine Immunity in
Those Inoculated Against Tularemia and for
Diagnosis of This Infection, by N. G.
Olsuf'yev, V. P. Borodin, Ye. M. Tsevtkova,
7 pp.

RUSSIAN, bk, Voprosy Epidemiologii i Profilaktiki
Tuliareemii, Moscow, 1958, pp 156-158.

NIH RSTP T-18

Sci - Med
Jun 60

117,349

(NY-1374)

Experience in the Treatment of the Bone
Felon, by I. K. Pyshko, E. D. Tsey

RUSSIAN, no per, Voyenno Med Zhur, No 2,
Moscow, Feb 1961, pp 57-58

US JPRS 9303

Sci

Ju/ 61

157, 767

Metallurgy of Copper and Nickel, by A. A.
Nevezler, 31 pp.

Russia, Lk, Metallurgiya Medi i Nikelya,
Chapter VUZ, Moscow, 1958.

CIA/PDD X-4401

Set. - 542/Mot

Aug 60

123/183

Isolation and Examination of the Polysaccharide Complex of Ovalbumin, by E. B. Kaverzneva, Tai De-Yun,
5 pp.

RUSSIAN, per, Naukhim, Vol XVI, No 5, 1961,
pp 782-786.

CB

Sci

Jul 62

204,280

EX

Cold Hardening and Recrystallization of E1617
Alloy, by Ya. M. Okhritsenko, M. S. Taibanova,
11 pp.

RUSSIAN, per, Iz Vuz Chernaya Metallurgiya, No 1,
1962, pp 95-102. 9667380

FID-TT-62-1318

Sci - Min/Met
Jan 63

J 19, 959

| | |
|--|---|
| | <p>63-19660</p> <p>I. Tsibet, B. N. II. FASEB 5-144-2 III. Federation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.</p> <p>TSIBET, B. N.</p> <p>(Biological Sciences-Medical Specialties, TT, v. 5, no. 10)</p> <p>Office of Technical Services</p> |
|--|---|

A-C Compensator With an Unbalanced-Voltage
Amplifier, by A. L. Tsiber, 9 pp.

RUSSIAN, per, Iz VIZ Priborostroyeniye, Vol V,
No 6, 1962, pp 17-24.

JPRS 19186

Sci - Electronics
Jun 63

231,669

A Vector-Measuring Device With Reading in a
Rectangular System of Coordinates, by A. L.
Taiber, 6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Nauk SSSR
po Razdelu Priborostroyeniye, Vol V, No 1, 1962,
pp 27-30.

JPRS 18943

Sci - Eng

May 63

228,952

Single Slide-Wire Rectangular-Coordinate AC
Componsetors, by L. F. Kulikovakii, A. L. Tsiber,
4 pp.

RUSSIAN, per, Izmeritel Tekhn, No 3, 1960,
pp 19-21.

IEA

Sci

138,061

Feb 61

Reduction of Sodium sulfite by Hydrogen in a
Platinized bed, by Ya. Teiborovskiy, S. Vrotskiy;
USSR.

RUSSIAN, per, Zhur Prik Khim, Vol XXIII, No 3,
1922, pp 410-417.

Consultants Bureau

Sci

May 60

118,182

Some Data on the Desorption of a Liquid from
the Surface of a Fluidized Layer, by Ya.
Tsibrovskiy, A. Selyatskiy, 7 pp.

RUSSIAN, per, Zhur Prikl. Khim., Vol XXXI, No 4,
1958, pp 518-524.

Consultants Bureau

Sci - Chem

Jun 59

88, 257

The Susceptibility of the Great Gerbil (*Rhomomys
Opimus* Licht.) to Anthrax, by E. E. Punskiy, F. S.
Tsibulevskaya, 7 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXIX, No 11, 1958, pp 105-111.

Pergamon Inst

Sci - Med
Jul 59

91,701

Operator Delay in Processing Visual Signals
by I. E. Tsibulevskiy, ca 12 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 11,
1962, pp. 1513 - 1526

ISA

Sci

Aug 63

342, 442

Adiabatic Galvanomagnetic and Thermomagnetic Phenomena in Semiconductors. 2 Mixed Conductivity, by V. Ye. Vzornov, I. M. Tsidil, Kovskiy, 7 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol VVII,
No 5, 1960, pp 671-677.

PP

Sci
Mar 61

144,002

Electrons and Holes in Semiconductors, by
I. M. Tsodikovskii.
UESIAN, br., Elektryry i vyrki v Poluprovodnikakh.
PERIODIC POSSE

107

I M. Tsodikovskiy
Sci/Phys
Aug 68

363,057

The Anisotropy of Photomagnetic Effect in Cubic Crystals, by G. I. Kharus, I. M. Taidil'kovskiy,
6 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 3,
1960, pp 341-345.

Sci
Sep 61

PP
165, 824

Theory of Isothermal Galvanomagnetic and Thermo-
magnetic Effects in Semiconductors, by F. G.
Bass, I. M. & Tsidil'kovskiy, 10 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXI,
No 4, 1956, pp 672-684.

Amer Inst of Phys
Soviet Phys, JETP
Vol IV, No 4

Sci - Physics
Jun 57

48,772

Magnetooptical Phenomena in Silver Telluride,
by V. P. Zhurav, I. M. Tsidil'kovskiy, T. S.
Baranitskaya, 6 pp.

ROSSIAR, ser. Zhur Tekh Fiz, Vol XXVIII, No 8,
1958, pp 1646-1650.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol III, No 8

Sci - Phys

Mar 59

83,573

Adiabatic Galvanomagnetic and Thermomagnetic Effects in Semiconductors. I. Impurity Semiconductors, by I. M. Tsaidil'kovskiy, 10 pp.

RUSSIAN, per., Zhur Tekh Fiz, Vol XXVIII, No 7, 1958, pp 1371-1381.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 7

S.1 - Phys

83, 080

Mar 59

The Nernst-Ettingshausen Effect in Mercury
Telluride, by I. M. Tsidil'kovskiy.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVII, No 8,
pp 1744-1752.

Amer Inst of Phys
Sov Phys-Tech Phys
Vol II, No 8

Sci - Phys

Jun 58

64,749

The Dispersion of Current Carriers in Compounds
of the PbS Group, by I. M. Tsidil'kovskiy, 9 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VIII, No 4, 195
pp 494-502

PP

Sci-
Feb 61

140,265

The Nernst-Ettingshausen Effect in Strong Magnetic
Fields, by I. M. Tsidil'kovskiy, 9 pp.

RUSSIAN, no por, Zhur Tekh Fiz, Vol XXVII, No 1,
Jan 1957, pp 12-22.

Amer Inst of Phys
Sov Phys, Tech Phys
Vol II, No 1

56,912

Sci - Phys

Jan 58

Thermomagnetic Effects in Semiconductors, by Kh. I.
Amirkhanov, R. I. Bashirow, A. Z. Daibov, I. M.
Ksidil'kovskiy, 2 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,
No 12b, 1956, pp 1519, 1520.

Columbia Tech

Sci - Physics
Mar 58

59, 689

Thermomagnetic Effects in InSb, by V. P. Zhuze,
I. M. Tsidil'kovskiy, 9 pp.

h

RUSSIAN, per, Zurn Tekh Fiz, Vol XXVIII, No 11,
1958, pp 2372-2381.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 11

Sci - Phys
Jul 59

90,752

The Effect of Current Carrier Degeneration on the
Transport Phenomena in Semi-Conductors, by V. Ye.
Vzdornov, I. M. Tsidil'kovskiy, 9 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VII,
No 6, 1959, pp 801-808.

PP

Sci

Sep 60

127, 804

Electron and Hole Scattering in Doped InSb, InAs,
and GaAs, by I. M. Tsidil'kovskiy, pp 8.

RUSSIAN, per, Fiz Tverdogo Tela, Vol IV, No 9,
1962, pp 2539-2549.

Amer Inst of Phys
Sov Phys - Solid State
Vol IV, No 9

340,599

Sci

Jun 63

Dependence of the Effective Mass of Electrons on
Their Density in InSb, InAs and GaAs
By G.I. Guseva and I.M. Tsaidil'kovskii pp5

RUSSIAN, par, Fizika Tverdoto Tela, Vol V, No 1,
1963, pp263-268

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 1

Sci

Sep 63

344 170
~~344 380~~

On the Theory of the Hall and Nernst-Ettinghausen Effects in Semiconductors with Mixed Conductivities, by F. G. Bass, I. M. Tzidilkovskiy 6 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz, Vol XXVIII, Mar 1955, pp 312-320. CIA C 40846

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

31,649

Scientific - Physics

On the Question of the Ionic and Homopolar Bonds
in Semiconductors, by I. M. Tzidil'kovskiy, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CII, No 4,
1955, pp 737-740.

*MTIC
SLA 59-16137

Sci - Electronics
Sep 59
Vol II, No 2

98,690

The Influence of "Entrainment" on Thermomagnetic Effects in Bismuth Selenide, by Kh. I. Amirkhanov, R. I. Bashirov, A. Z. Daibov, I. M. Tsidil'kovskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 5, 1957, pp 781-784.

Amer Inst of Phys
Sov Phys "Doklady"
Vol II, No 6

Sci - Physics
Jul 58

67,190

On the Paper of G. M. Avak'iants "The Theory of the Transfer Equation in Strong Electric Fields.", by I. M. Tsidil'kovskiy and F. G. Bass, 2 pp.

RUSSIAN, bimo par, Zhur Eksper i Teoret Fiz, Vol XXVIII, No 1, 1955, p 245. CIA C 1000X 40845

American Inst of Physics
57 East 55 St.
New York 22, N. Y.

Scientific - Physics

31288

The Anisotropy of Galvano- and Thermomagnetic Effects in n-type Germanium, by I. M. Tsidil'kovskiy, V. P. Shirovskiy, 6 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol IX,
No 3, 1960, pp 321-326.

PP

Sci

Apr 61

149,606

Tsaldil'kovskij, I. M.

THERMOMAGNETIC EFFECTS IN SEMICONDUCTORS,
tr. by A. Tybulewicz, 1962, 1v.
Order from Infosearch Ltd., London

Trans. of mono. [Termomagnitnye Yavleniya v Poluprovodnikakh, Moscow, 1960, 396p.].

DESCRIPTORS: *Semiconductors, Thermoelectricity,
Electromagnetic properties.

(Physics--Solid State, TT, v. 11, no. 4)

TT-63-22463

I. Tsaldil'kovskij, I. M.
II. Infosearch Ltd. (Gt. Brit.)
III. EURATOM

Office of Technical Services

The Kernat-Ettinghausen Effect in Germanium, by
R. I. Bashirov, I. M. Tsaidil'kovskiy, 5 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 10, A
pp 2195-2199. Oct 1956

Amer Inst of Phys
Sov Phys-Tech Phys
Vol I, No 10

Sci - Minerals/Metals
Nov 57

54, 752

Rectification by Semiconductors in a Thermal Field,
by I. M. Tsidilkovsky

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,
No 1, 1953, p 63.

NBP Tr 85

Scientific - Physics
CTS/DEX

5950

The Use of Pneumoelectrical Measuring Units in
the Transient State, by A. P. Kurochkin,
F. V. Tsidulko, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 12, 1960, pp 11-13.

ISA

Sci

169,878

Sep 61

Operating Time of Pneumatic Measuring Systems,
by A. P. Kurochkin, F. V. Tsidulko, 4 pp.

RUSSIAN, per, Izmeritel Tekh, No 11, 1959,
pp 15-17.

Instru Soc of Amer

Sci
Oct 60

128,592

New Modes of Uranium Fission-Tripartition and
Quadripartition. Part II., ~~34 pp~~ by S.T. Tsien,
34 pp

FRENCH, per, Journal de Physique et le Radium,
Vol VIII, No 7, 1947, pp 200-211.

Sci - Nuclear Physics
Apr 1957

SLA Tr 1569 Jan 1957
46, 155

New Modes of Uranium Fission - Tripartition and
Quadripartition. Part 1, by S. T. Tsien, 33 pp.

FRENCH, per, Le Journal de Physique et le Radium,
Vol VI, 1947, pp 165-178.

SLA Tr 1568

Sci - Nuclear Physics
Apr 1957

Jan 1957
46, 314

The Occurrence of Internal Friction Peaks
Associated With the Stress-Induced Diffusion
of Carbon in Alloy Steels Having
a Face-Centred Cubic Lattice, by Ke T'ing-
SUI, Tsien Chih-Tsiang, 11 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol IV,
No 2, 1957, pp 291-305.

Pergamon Inst

Sci - Physc
Sep 58

73, 117

On the Mechanism of Internal Friction Peak Induced by
Diffusion of Interstitial Atoms in Face Centred Cubic
Crystal, by Tsien Chih-tsiang,

CHINESE, per, Scientia Sinica (Chinese People's
Republic), Vol X, No 8, 1961, pp 930-937.

OTS 62-23325

Sci

Jun 62

On the Mechanism of Internal Friction Peak of
Interstitial Atoms in the Face Centre Cubic
Crystals, by Tsien Chia-tsien. UNCL

CHINESE, per, Acta Metallurgica Sinica, No 1,
1959, pp 69-74.

NLL A14735
BISI 1397
(L13.10.0)

W-5000

(NY-2500)

High Echelon Cadres of Minority Nationalities
in State Work Must Vigorously Conduct Self-
Criticism, by T'sien Hsing-ch'eng, 4 pp.

CHINESE, per, Min-tsu T'uan-chieh, No 11,
Peiping, Mar 1958, p 14.

JPRS-1719-N

Sci/Nuclear Physics

C7

New Modes of Uranium Fission: Tripartition and Quadrupartition, (Part I), by Tsien San Tsiang, Ho Zah-Wei, R. Chastel, L. Vigneron. UNCLASSIFIED

FRENCH, per, Le Journal de Physique et le Radium, No 6, 1947.

247
Navy Tr/ONI 30+

S.L.B.Th

Oct cts
Nov

A-4136

Sci/Nuclear Physics

C

New Modes of Uranium Fission: Tripartition and Quadri-partition (Part II), by Tsien San-Tsiang, Ho Zah-Wei, R. Chastel, L. Vigneron.

FRENCH, per, Le Journal de Physique et le Radium, Ser 8,
No 7, 1947.

Navy Tr/NRL T# 302

The Next Step in Space Travel, by
Tsien Shiang Wu, 5 pp.
U.S. News & World Report, per,
no 2, 1963, pp 14-16. 9696035
F10-77-05-562

34

Tsien, Shiang Wu

sci - Aero
rec 68

201 022

Pressure Stabilizers for Pneumatic Instruments Used
in Linear Measurements, by A. P. Kurochkin, F. V.
Tmidulko, 3 pp.

RUSSIAN, per, Izmeritel Tekh, No 8, 1961, pp 4-6.

IBA

Sci
Jun 62

198,634

An Investigation Into the Technology of Welding
Main Girders of Travelling Cranes of 5-50 Ton
Lifting Capacity, by Ts'ien Tsu-Ni, 13 pp.

RUSIAN, per, Svartek Preis, No 10, 1956,
pp 3-6.

British Welding Res Assoc

Sci

Aug 60

123,573

TRI 62-125

Neutron Irradiation of Arsenic Trichloride-Benzene
Systems, by I. Tsifka.

RUSSIAN, rpt, Chemical Effects of Nuclear Transformations, Proceedings of a Symposium, October 24-27, 1960, pp 185-193.

Vol I,

*AEC TR-125-1

Sci - Nucl Phys
Feb 62

Neutron Irradiation of Arsenic Trichloride - Benzene Systems, by L. Tsifka, 12 pp.

RUBSTAN, rpt, Chemical Effects of Nuclear Transformations, Vol I, 1960 pp 185-193. 9089556
Oct 24-27,

AEC Tr-5094

Sci - ~~Proceedings~~ Chem
Jul 62

204, 705

The New Antileukemic Drugs Can Be Divided into
3 Groups, by K. Alexandrides, V. Stamulis, V.
Tsigalidou and D. Alexandrides, 15 pp.

GERMAN, per, Blut, Vol III, Mar 1957, pp 71-85.

SIA 57-3116

Sci

Aug 58

71, 272

Investigation of a Dust System With a Drum-Type
Ball Mill, Operating on Lean Coal, x With
Supplementary Blowing of the Returns, by S. P.
Tsigankov.

RUSSIAN, per, Elektricheskie Stantsii, Vol
XXXI, No 3, 1960, pp 10-17.

Dept. of Interior
TM7 E57 No 551

215,903

Sci - Min/Met
Engr
Oct 52

Towards the Mysterious Planet, by F. Yu.
Tsigal', 10 pp.

RUSSIAN, per, Nauka i Zhizn, No 3, Vol XXVIII,
1961, pp 8-11. 9676282

FID-TR-62/1

192, 684

Sci - Space Res

Apr 62

The Mechanism of the Arc Discharge at High Pressure
in the Nozzle of a Pneumatic Switch, by I. M. Tsigelko
L. Chernyi, V. Gusa, I. Krzhizh, I. Indnar, 6 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVI, No 3, Mar
1956, pp 499-504.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 3

51,785

Sci - Physics
Aug 57

Arc-Quenching Processes in Air-Blast Circuit-
Breakers, by V. Gusa, Ya. Tsigal'ka, 7 pp.
RUSSIAN, per, Elektrichestvo, No 5, 1957, pp 37-39.

pp

Sci -
Jan 61

137,026

Method of Measuring the Restoration of Electrical
Stability in an Air-Quenched Cut-Off Switch, by
V. Gusa, Ya. Tsigelka.

RUSSIAN, per, Elektrichestvo, No 7, 1959,
pp 70-72.

DSIR LLU RMS 1498

Sci - Electricity

Oct 60

128,731

Arc-Quenching Processes in Air-Blast Circuit Breakers, by V. Gusev, Ye. Tsigalka, 7 pp.

RUSSIAN, par, Elektrichesstvo, No 5, 1957,
pp 37-39.

PP

Sci - Electron

Nov 59

100,840

A Statistical Determination of the Actual Service
Life of the Tools of Metal Casting Machine Tools.
by A. Tsvetkov. 16 pp.
RUSSIAN. per. Vses. Sistem. No 3, 1964, pp 14-25.
JPRS 24077

Sci - March
May 64

207, 898

| | | |
|---|--|--|
| <p>Tsigler, V. D., Belukha, P. G., and Shakhnovich, I. G. INFLUENCE OF CERTAIN PROCESS FACTORS ON THE PROPERTIES OF LIGHT-WEIGHT KAOLIN REFRactories (Vliyanie Nekotorykh Tekhnologicheskikh Faktorov na Svoystva Kaolinovykh Legkovesnykh Ogneuporov). Nov 60 [10] p. 6 refs. RTS 1548. Order from LC or SLA mi\$1.80, ph\$1.80 61-15201 Trans. of Ogneupory (USSR) 1958 [v. 23] no. 1, p. 5-11.</p> <p>The refractoriness of kaolin light-weight articles depends upon the ash content of the combustible employed. Every 10% of combustible with an ash content of not more than 10% decreases the refractoriness of the articles by up to 50%. The density of kaolin light-weight articles (about 1.3 g/cm³) is dependent upon the combustible, which should be introduced into the charge in quantities increasing with increasing firing (Materials--Refractories, TT, v. 5, no. 6) (over)</p> | <p>61-15201</p> <ol style="list-style-type: none">1. Clays--Processing2. Refractory materials--PropertiesI. Tsigler, V. D.II. Belukha, P. G.III. Shakhnovich, I. G.IV. RTS-1548V. Department of Scientific and Industrial Research (Gt. Brit.) <p>Office of Technical Services</p> | |
|---|--|--|

61
High-Alumina Porous Ceramics with
High Gas Penetrability, by V. D.
Tsigler and B. Ye. Pindrik, 8 pp.
RUSSIAN, per. Steklo i Keramika,
No 1, 1964, pp 22-26. 9697095
FTD-IT-64-1171

J. D. Tsigler
B. Ye. Pindrik
Sci-Ingr
Jun 65

282-514

High-Alumina Lightweight Brick and Its Use, by
V. V. Tsigler, A. A. Yeltyshova, 6 pp.

RUSSIAN, per, Ogneupory, No 7/8, 1960, ~~[redacted]~~

Acta Metallurgica

Sci

May 62

194,465

The Photochemical Sulfoxidation of n-Heptane
with Sulfur Dioxide Gas and Oxygen, by A. V.
Topchiev, G. M. Tsiguro, G. V. Gryaznov,
4 pp.

RUSSIAN, par, Dok Ak Nauk SSSR, Vol CXIII,
No 6, pp 1302-1305.

1957
Consultants Bureau

Sci - Chem
Aug 58

73,455

Sulfoxidation of Methane with Gaseous Sulfur
Dioxide and Oxygen, by A. V. Topchiev, G. V.
Gryaznov, G. M. Tsikunov, 4 pp.

1957

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4,
pp 839-~~840~~.

Consultants Bureau

Sci - Chem
Aug 58

67, 139

Chlorosulfonation of Methane with Sulfur Dioxide
and Chlorine, by G. V. Gryaznov, A. V. Top-
chiev, G. M. Tsiguro, 4 pp.

1957

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 3,
pp 598-600.

Consultants Bureau

Sci - Chem
Aug 58

6 9, 0 7 0

(NY-6347/1)

5

On the Analogy to Explosion of Supersonic
Flow Around Bodies, by M. A. Tsikalin, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh
Nauk, Energet i Avtomat, No 1, 1961, pp 91-96.

JPRS 9659

Sci - Phys
Aug 61

163,084

The Properties and Importance of the Disulfide Groups of Serum Albumin, by V. A. Belitser,
K. I. Kotkova, O. V. Lobachevskaya and G. N.
Tsikalovskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No
2, 1957, pp 451-454.

3

Consultants Bureau

Sci - Chem

73, 663

Aug 58

Investigation of the Process of Production
of Briquetted Metallurgical Fuel From Donbas
Gas Coals, by G. V. Speranskaya, D. A.
Tsikarev.

RUSSIAN, per, Trudy Ak Nauk SSSR Im t,
Goryuchikh Iskopаемых, № Vol X,
1959, pp 60-65.

Broken Hill Prop Co Ltd
(CRL/T.687)

191, 423

Sci - Fuels
Apr 62